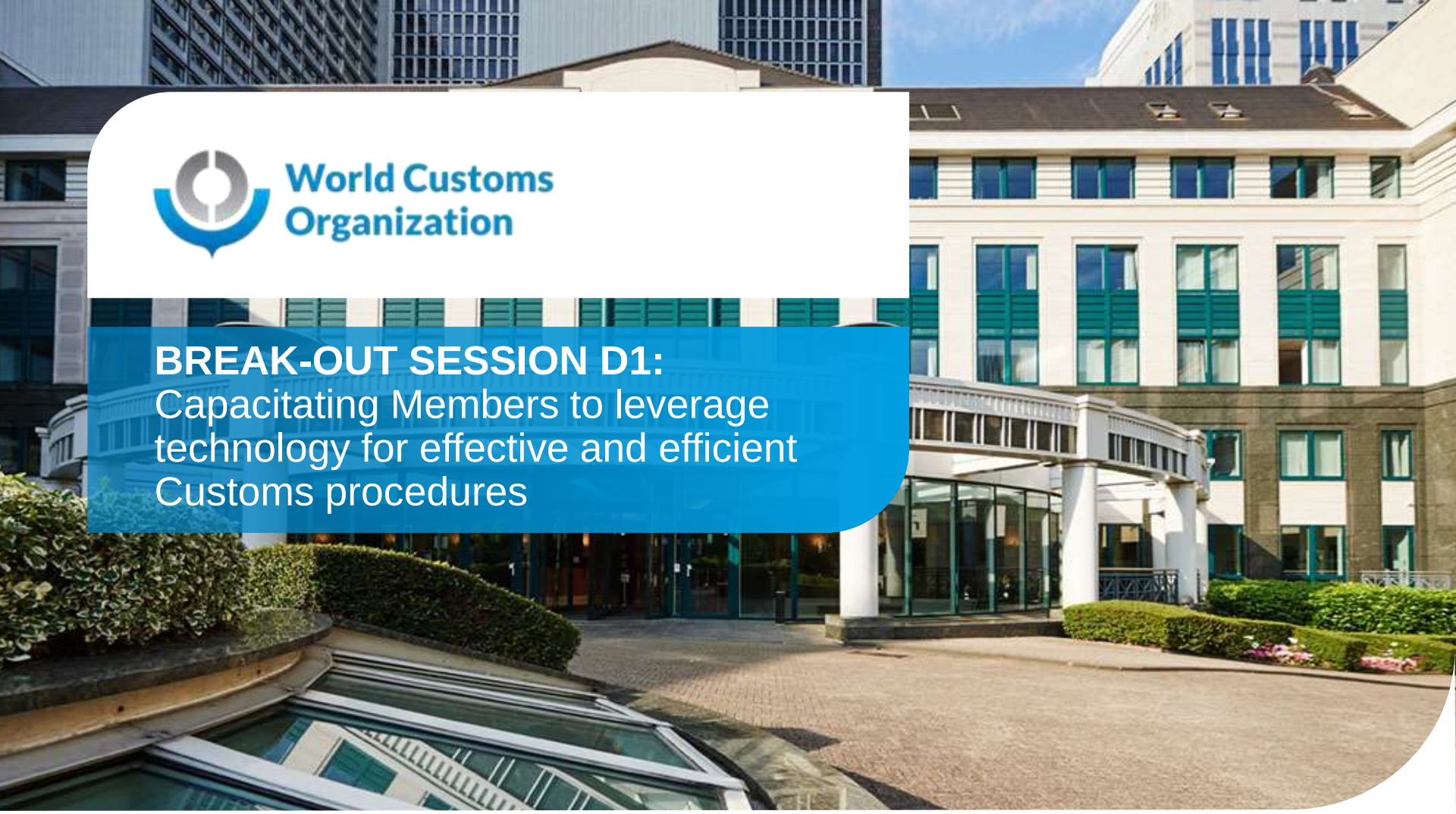

World Customs Organization

BREAK-OUT SESSION D1:
Capacitating Members to leverage technology for effective and efficient Customs procedures

Ms. Özlem SOYSANLI
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WCO TECHNOLOGY CONFERENCE & EXHIBITION

Maastricht, The Netherlands

19 October 2022

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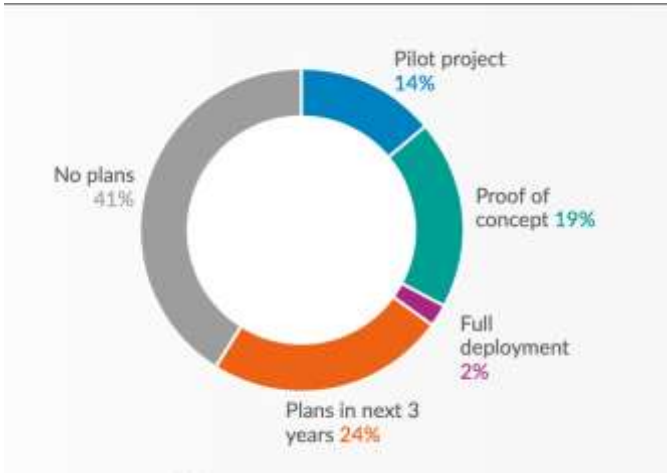
WCO work on technologies in 2022

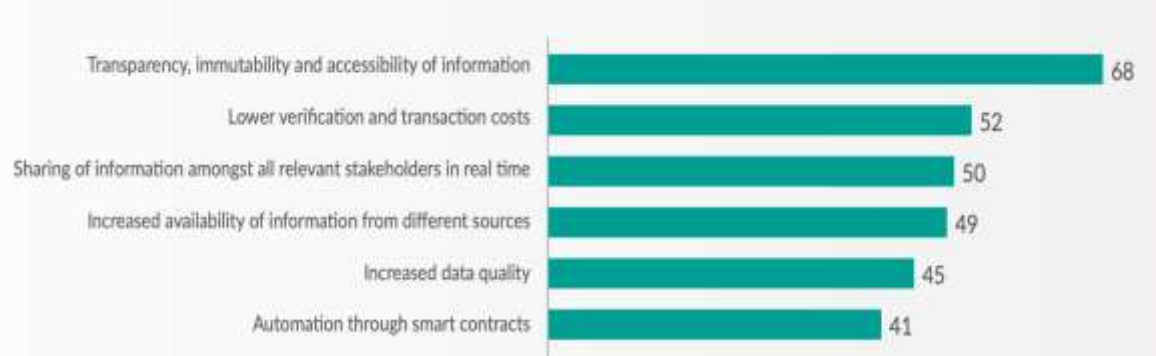
- ✓ **"Role of Advanced Technologies in Crossborder Trade: A Customs Perspective"**
- ✓ WCO Annual Consolidated Survey
- ✓ 3 groups of technologies (blockchain/DLT; IoT; and DA, AI, ML)
- ✓ Level of implementation, benefits and challenges, Members' case studies

- ✓ **"WCO/WTO Study Report on Disruptive Technologies 2022"**
- ✓ First version published in 2019
- ✓ 7 groups of technologies (blockchain/DLT; IoT; BD, DA, AI & ML; biometrics; drones; virtual, augmented and mixed reality; and 3D printing)
- ✓ Level of implementation, benefits and challenges, 42 case studies, recommendations, lessons learnt

Key findings (1) - Blockchain

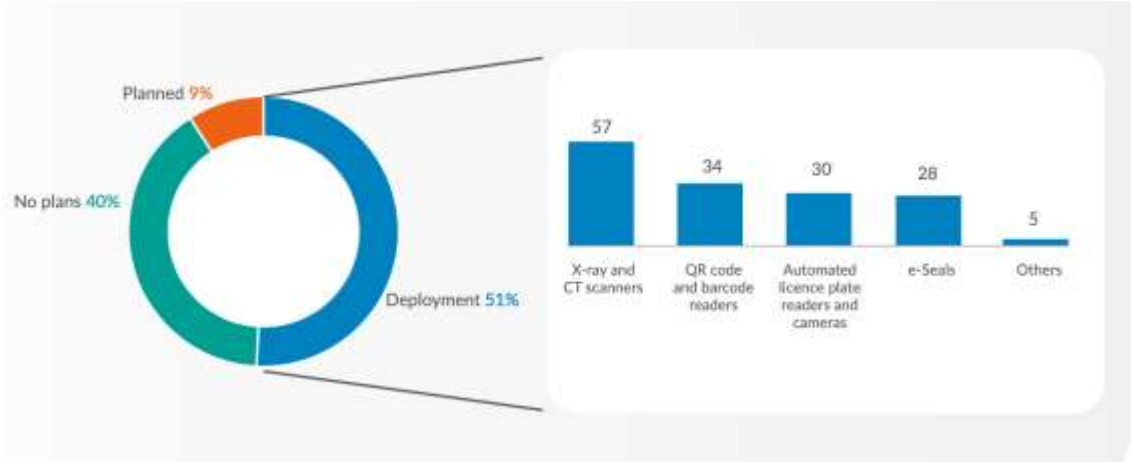


Benefits



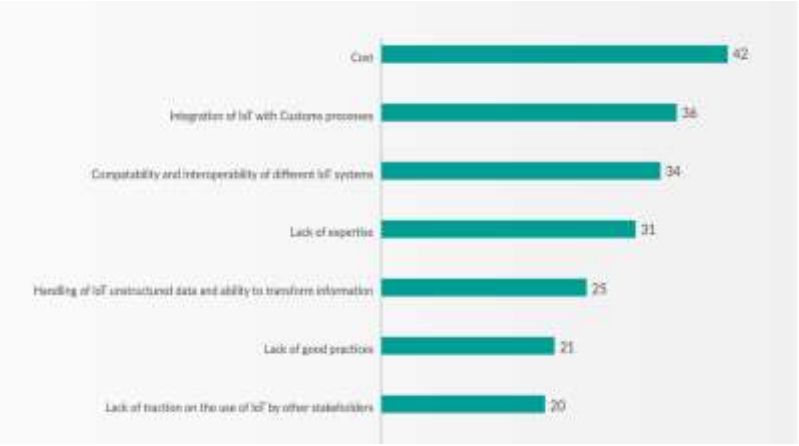
Challenges

Key findings (2) - Internet of Things

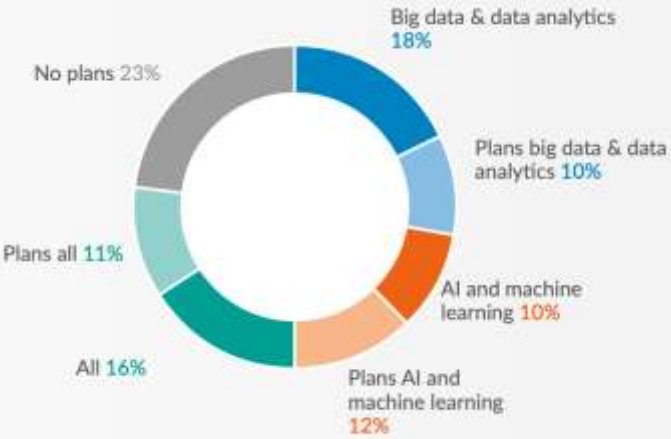


Benefits

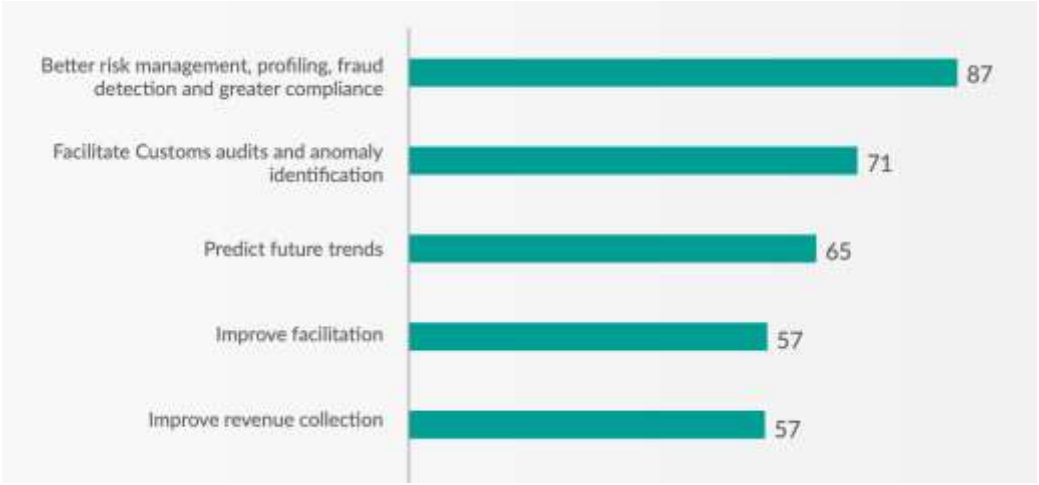
Challenges



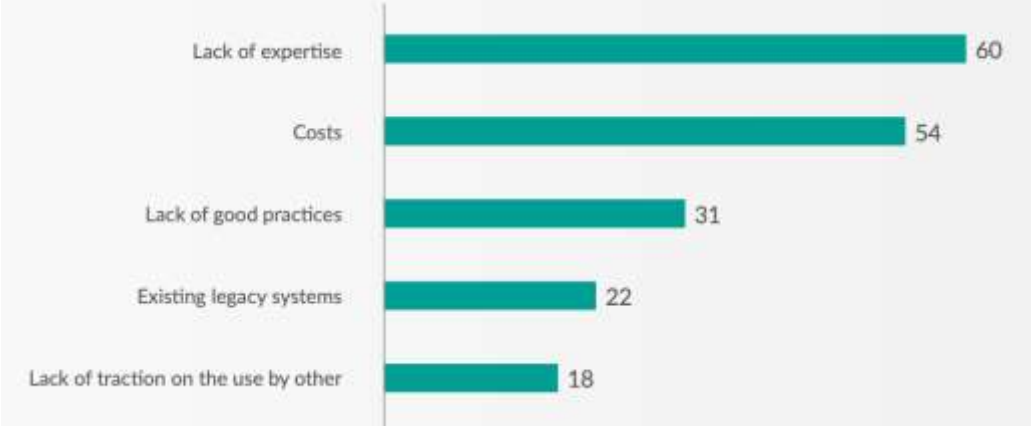
Key findings (3) – BD, DA, AI and ML



Benefits



Challenges



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Thank you!

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